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AMENDMENTS

In the Claims:

Kindly cancel claims 1-8 and 15-32 without prejudice to future prosecution.

9. (Amended) An isolated, purified, or enriched nucleic acid sequence [at least 15 nucleotides in length], wherein said sequence corresponds to all or [at least] a portion at least 15 nucleotides in length of a bacteriophage 77 open reading frame 17, 19, 43, 102, 104, or 182 sequence.

33. (New) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 17.

34. (New) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 19.

35. (New) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 43.

36. (New) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 102.

37. (New) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 104.

38. (New) The nucleic acid sequence of claim 9, wherein said open reading frame is open reading frame 182.

39. (New) The nucleic acid sequence of claim 9, wherein said sequence comprises at least 45 nucleotides corresponding to a said open reading frame.

40. (New) The nucleic acid sequence of claim 10, wherein said sequence corresponds to a portion of open reading frame 17.

41. (New) The nucleic acid sequence of claim 10, wherein said sequence corresponds to a portion of open reading frame 19.

42. (New) The nucleic acid sequence of claim 10, wherein said sequence corresponds to a portion of open reading frame 43.

43. (New) The nucleic acid sequence of claim 10, wherein said sequence corresponds to a portion of open reading frame 102.

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44. (New) The nucleic acid sequence of claim 10, wherein said sequence corresponds to a portion of open reading frame 104.

45. (New) The nucleic acid sequence of claim 10, wherein said sequence corresponds to a portion of open reading frame 182.

46. (New) The nucleic acid sequence of claim 10, wherein said nucleic acid sequence is transcriptionally linked with regulatory sequences enabling induction of expression of said sequence.

47. (New) The nucleic acid sequence of claim 9, wherein said sequence includes the complete coding sequence of said open reading frame.

48. (New) An isolated, purified, or enriched nucleic acid sequence at least 15 nucleotides in length, wherein said sequence encodes a portion at least 5 amino acids in length of a polypeptide encoded by bacteriophage 77 open reading frame 17, 19, 43, 102, 104, or 182.

49. (New) The nucleic acid sequence of claim 48, wherein said open reading frame is open reading frame 17.

50. (New) The nucleic acid sequence of claim 48, wherein said open reading frame is open reading frame 19.

51. (New) The nucleic acid sequence of claim 48, wherein said open reading frame is open reading frame 43.

52. (New) The nucleic acid sequence of claim 48, wherein said open reading frame is open reading frame 102.

53. (New) The nucleic acid sequence of claim 48, wherein said open reading frame is open reading frame 104.

54. (New) The nucleic acid sequence of claim 48, wherein said open reading frame is open reading frame 182.

55. (New) An isolated, purified, or enriched nucleic acid sequence comprising a sequence at least 24 nucleotides in length homologous to an equal length portion of the sequence corresponding to SEQ ID NO. 10, wherein said sequence at least 24 nucleotides in length has at least 70% sequence identity to said portion.

56. (New) The sequence of claim 55, wherein said sequence at least 24 nucleotides in length has at least 80% sequence identity.

57. (New) The sequence of claim 55, wherein said sequence at least 24 nucleotides in length has at least 90% sequence identity.

58. (New) The sequence of claim 56, wherein said sequence encodes all or a portion at least 8 amino acids in length of a functional homolog of an open reading frame product of bacteriophage 77.

59. (New) The sequence of claim 58, wherein said open reading frame is open reading frame 17, 19, 43, 102, 104, or 182.

60. (New) The sequence of claim 56, wherein said sequence encodes all or a portion at least 10 amino acids in length of a functional homolog of an open reading frame product of bacteriophage 77.

61. (New) The sequence of claim 60, wherein said open reading frame is open reading frame 17, 19, 43, 102, 104, or 182.

62. (New) The sequence of claim 56, wherein said sequence encodes all or a portion at least 30 amino acids in length of a functional homolog of an open reading frame product of bacteriophage 77.

63. (New) The sequence of claim 62, wherein said open reading frame is open reading frame 17, 19, 43, 102, 104, or 182.

64. (New) An isolated, purified, or enriched nucleic acid, wherein said sequence corresponds to all or a portion at least 15 nucleotides in length of the sequence of SEQ ID NO. 10.

65. (New) The nucleic acid sequence of claim 64, wherein said sequence corresponds to a portion at least 30 nucleotides in length.

66. (New) The nucleic acid sequence of claim 64, wherein said sequence corresponds to a portion at least 50 nucleotides in length.

67. (New) The nucleic acid sequence of claim 64, wherein said sequence corresponds to a portion at least 90 nucleotides in length.

68. (New) The nucleic acid sequence of claim 64, wherein said sequence corresponds to a portion at least 150 nucleotides in length.

69. (New) The nucleic acid sequence of claim 66, wherein said portion at least 50 nucleotides in length is all or a portion of an open reading frame.

70. (New) The nucleic acid sequence of claim 68, wherein said portion at least 150 nucleotides in length is all or a portion of an open reading frame.

71. (New) The vector of claim 12, wherein said vector is an expression vector.

72. (New) The vector of claim 71, wherein expression of said ORF is inducible.